

09987967-11604

CTCAACCACAGACTACACTTGCTGAACTGGCTCCTGGGGCCATGAGGCTGTCACTGCCAC  
+-----+-----+-----+-----+-----+-----+  
GAGTTGGTGTCTGATGTGAACGACTTGACCGAGGACCCCGTACTCCGACAGTGACGGTG  
M R L S L P L

TGCTGCTGCTGCTGCTGGGAGCCTGGGCCATCCCAGGGGGCCTCGGGGACAGGGCGCCAC  
+-----+-----+-----+-----+-----+-----+  
ACGACGACGACGACGACCTCGGACCCGGTAGGGTCCCCCGGAGCCCTGTCCCGCGGTG  
L L L L L G A W A I P G G L G D R A P L

TCACAGCCACAGCCCCACAACCTGGATGATGAGGAGATGTACTCAGCCACATGCCCGCTC  
+-----+-----+-----+-----+-----+-----+  
AGTGTCCGTGTCTGGGGTGTGACCTACTACTCCTCTACATGAGTCGGGTGTACGGGCGAG  
T A T A P Q L D D E E M Y S A H M P A H

ACCTGCGCTGTGATGCCTGCAGAGCTGTGGCTTACCAGATGTGGCAAATCTGGCAAAGG  
+-----+-----+-----+-----+-----+-----+  
TGGACGCGACACTACGGACGTCTCGACACCGAATGGTCTACACCGTTTTAGACCGTTTCC  
L R C D A C R A V A Y Q M W Q N L A K A

CAGAGACCAAACCTTCATACCTCAAACCTCTGGGGGGCGGGGGAACCTGAGCGAGTTGGTCT  
+-----+-----+-----+-----+-----+-----+  
GTCTCTGGTTTGAAGTATGGAGTTTGAGACCCCCCGCCGCTTGACTCGCTCAACCAGA  
E T K L H T S N S G G R R E L S E L V Y

ACACGGATGTCCTGGACCGGAACCTGCTCCCGGAACCTGGCAGGACTACGGAGTTCGAGAAG  
+-----+-----+-----+-----+-----+-----+  
TGTGCCTACAGGACCTGGCCTTGACGAGGGCCTTGACCGTCTGATGCCTCAAGCTCTTC  
T D V L D R N C S R N W Q D Y G V R E V

TGGACCAAGTGAAACGTCTCACAGGCCCAGGACTTAGCGAGGGGCCAGAGCCAAGCATCA  
+-----+-----+-----+-----+-----+-----+  
ACCTGGTTCACTTTGCAGAGTGTCCGGTCTGAATCGCTCCCCGGTCTCGGTTTCGTAGT  
D Q V K R L T G P G L S E G P E P S I S

CGGTGATGGTCACAGGGGGCCCTGGCCTACCAGGCTCTCCAGGACATGTTTGCACTACT  
+-----+-----+-----+-----+-----+-----+  
CGCACTACCAAGTGTCCCCCGGGGACCGGATGGTCCGAGAGGTCTGTACAAACGTGATGA  
V M V T G G P W P T R L S R T C L H Y L

TGGGGGAGTTTGGAGAAGACCAGATCTATGAAGCCCACCAACAAGGCCGAGGGGCTCTGG  
+-----+-----+-----+-----+-----+-----+  
ACCCCTCAAACCTCTTCTGGTCTAGATACTTCGGGTGGTTGTTCCGGCTCCCCGAGACC  
G E F G E D Q I Y E A H Q Q G R G A L E

AGGCATTGCTATGTGGGGGACCCAGGGGGCCTGCTCAGAGAAGGTGTCAGCCACAAGAG  
+-----+-----+-----+-----+-----+-----+  
TCCGTAACGATACACCCCTGGGGTCCCCCGGACGAGTCTCTTCCACAGTCGGTGTCTC  
A L L C G G P Q G A C S E K V S A T R E

FIG. 1A

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AAGAGCTCTAGTCCTGGACTCTACCCTCCTCTGAAAGAAGCTGGGGCTTGCTCTGACGGT  
+-----+-----+-----+-----+-----+-----+-----+-----+  
TTCTCGAGATCAGGACCTGAGATGGGAGGAGACTTTCTTCGACCCCGAACGAGACTGCCA  
E L \*

CTCCACTCCCGTCTGCAGGCAGCCAGGAGGGCAGGAAGCCCTTGCTCTGTGCTGCCATCC  
+-----+-----+-----+-----+-----+-----+-----+-----+  
GAGGTGAGGGCAGACGTCCGTCCGTCCCGTCCTTCGGGAACGAGACACGACGGTAGG

TGCCTCCCTCCTCCAGCCTCAGGGCACTCGGGCCTGGGTGGGAGTCAACGCCTTCCCTC  
+-----+-----+-----+-----+-----+-----+-----+-----+  
ACGGAGGGAGGAGGTCCGAGTCCCGTGAGCCCGGACCCACCCTCAGTTGCGGAAGGGGAG

TGGACTCAAATAAAACCCAGTGACCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
+-----+-----+-----+-----+-----+-----+-----+-----+  
ACCTGAGTTTATTTTGGGTCACTGGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT

FIG. 1B

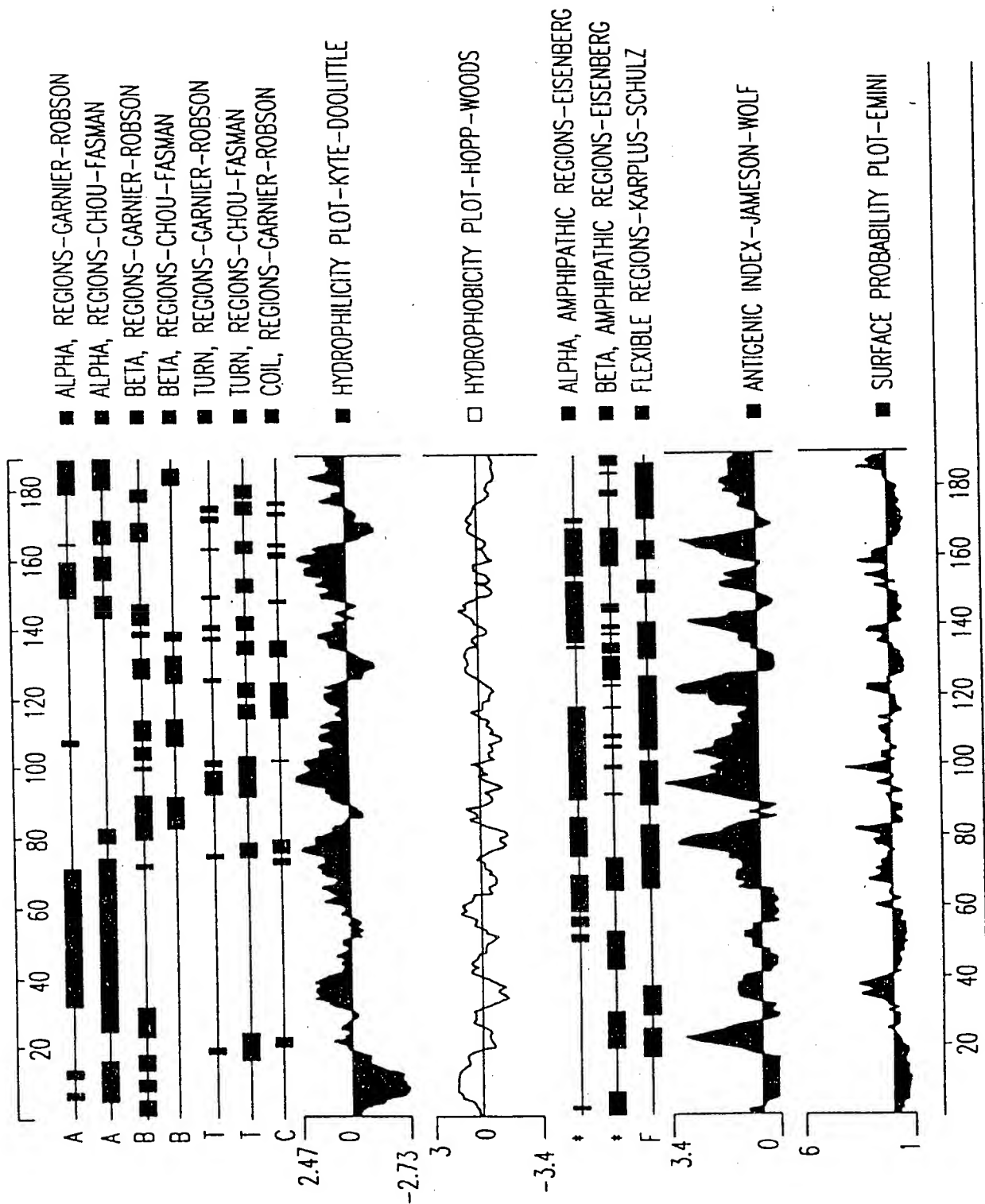


FIG.2